Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	22	(translat\$) with (address) same(rout\$5) and (multiple:plurality different) near5 (mobile cell:wireless) near6 (protocol) and (database table) and "709"/\$:ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:07
L16	100	(translat\$) with (address) same(rout\$5) and (multiple plurality different) near5 (mobile cell wireless) near6 (protocol) and (database table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:06
L15	110	(translat\$) with (address) same(rout\$5) and (multiple plurality different) near5 (mobile cell wireless) near6 (protocol)	US-PGPUB; USPAT: USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:04
L14	2	(reformat\$5 re\$format\$6 re-format\$7) same (address) same(rout\$5) and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:44
L13	27	(reformat\$5 re\$format\$6 re-format\$7) same (address) same(rout\$5) and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/12/13 15:47
L11	114	(reformat\$5 re\$format\$6 re-format\$7) near4 (address) same(rout\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 15:46
L12	8	(reformat\$5 re\$format\$6 re-format\$7) near4 (e-mail email e\$mail sms:IM):near4 (address)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/12/13 14:35
L10	0	(reformat\$5 re\$format\$6 re-format\$7) near4 (e-mail email e\$mail sms IM) near4 (address) near4 (rout\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/12/13 14:35
L9	0	(routing near3 database) and (reformat\$5 re\$format\$6 re-format\$7) near4 (e-mail email e\$mail sms IM) near4 (address) near4 (rout\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:34
L8	0	(server broker) and (routing near3 database) and (reformat\$5 re\$format\$6 re-format\$7) near4 (e-mail email e\$mail sms IM) near4 (address) near4 (rout\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:34

L7	3	(server broker) and (routing near3 database) same (reformat\$5) near4 (rout\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:32
S11	1	(server broker) same (routing near3 database) same (reformat\$5) near4 (rout\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:31
L6	5879	455/428,517,518,522,560.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 14:30
L5	15	("5793771" "5923659" "5943619" "6047194" "6073015" "6137806" "6178181" "6324183" "6327267" "6353607" "6393014" "6411632" "6427071" "6490252" "H001895") PN	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 14:30
L4	2	"6018657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:15
L1	1	09/921167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:15
L3	15722	370/351,352,353,354,355,466,467,468,469,401.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:13
L2	3	(reformat\$7 re-format\$7) near5 (address\$7) same (mobile) same (protocol)	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 14:13
S61	1	tiaxa near3 server	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 16:25
S60	11	((incompatible) with address\$5 with protocol) and (routing near4 (server database table)) and (mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 16:25
S59	12	((incompatible) with address\$5 with protocol) same (mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 16:21
S58	2	76018657" pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11:15:46

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S57	2	"6019657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:39
S20	2	"5991735":pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:38
S56	2	"6094578".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 10:59
S55	1	10/795500	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2006/03/23 10:59
S54	5	GSM near3 ("03.41") same (SMS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 10:13
S53	25	GSM near3 ("03.41")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 09:33
S52	2	"6018657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 09:32
S51		(translat\$5 near4 address\$5) and (SMPP and SMPT and TAP and HTTP)	US-PGPUB; USPAT: USOCR; EPO; JPO; DERWENT; IBM: TDB	OR	ON	2006/03/22 14:31
S50 ,	0	(translat\$5 near4 address\$5) same (SMPP and SMPT and TAP and HTTP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:31
S49	437	(translat\$5 near4: address\$5) same (SMPP SMPT TAP HTTP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22:14:31
S48	0	(WAP near3 SMS) and (Web near3 sms) and (phone near4 SMS) and (translat\$5 near4 address\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:29

S47	0	(WAP near3 SMS) same (Web near3 sms) same (phone near4 SMS) and (translat\$5 near4 address\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:29
S46	1	MGT near5:global adj title adj address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:27
S45	1	ANSI near5 global adj title adj address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:12
S44	0	:ANSI:adj global adj title adj address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/03/22 14:12
S43	100	global adj title adj address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:12
S42	19	IMSI adji format	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:09
S39	161	(mobile) near6 (email message sms IMS) near7 (address) near6 (format type scheme)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:02
S41 S40	0 1	("6944467").URPN. ("5946629").PN.	USPAT US-PGPUB; USPAT; USOCR	OR OR	ON ON	2006/03/22 12:53 2006/03/22 11:08
S38	7	(mobile) near5 (carrier operator provider) near6 (address) near6 (format type scheme)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:53
S37	2	"6018657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:51
S36	2	"6320947":pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:36

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S35	5	"09395868"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:26
S34	9	(transform\$5 translat\$5 chang\$5 format\$5) near5 (address) and (SMS) and (AMPS) and (TDMA) and (CDMA) and GSM and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:23
S28	28	(transform\$5 translat\$5) near5 (address) and (SMS) and (AMPS) and (TDMA) and (CDMA) and GSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:01
S33	3312	(SMS (short adj message adj service) (IMS) (Instant adj message adj service)) near5 (broker server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/03/22 08:00
S32	3312	(SMS (short adj message adj service) (IMS) (Instant adj message adj service)) near5 (broker server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:00
S31	7	(MIN adj statusing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/03/22 07:59
S30	2	"5539810".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 07:34
S16	2	"6697871":pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON	2006/03/22 06:43
S29	58	GSM same IS-54 and IS-41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 15:44
S27	2	(reformat\$5) near5 (address) and (SMS) and (AMPS) and (TDMA) and (CDMA) and GSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 15:35
S26	0	(reformat) near5 (address) and (SMS) and (AMPS) and (TDMA) and (CDMA) and GSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 15:33

S24	5	(cellular) near3 (messag\$5) near4 (format) and (AMPS) and (TDMA) and (CDMA) and GSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 15:33
S25	2	"5539810":pn	US-PGPUB; USPAT: USOCR: EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 14:48
S22	60	(cellular) near3 (messag\$5) near4 (format)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 13:52
S23	1	"10795500"	US-PGPUB; US-PGPUB; US-PGCP; US-PGCCPO; DERWENT; IBM TDB	OR	ON	2006/03/21 13:49
S19	2	09/778562 ·	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 13:24
S21	2	"6199067":pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21:13:01
S1	0	(celco near3 routing near3 database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 13:00
S18	2	"6112241".pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 14:23
S17	2	"6529824".pn.	US-PGPUB; USPAT; USPOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 14:22
S15	1	10/795500	US-PGPUB; USPAT; USPAC; USPOCR; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 13:57
S4	3	"6714793".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 13:04

S14	5	"455"/\$.ccls. and(SMS (short near2 message near2 service)) near5 (server broker) same (routing near3 database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:01
S3	8	(SMS (short near2 message near2 service)) near5 (server broker) same (routing near3 database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:01
S13	742	"455"/\$.ccls. and (SMS (short near2 message near2 service)) near2(center)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:00
S6	1996	(SMS (short near2 message near2 service)) near2(center)	US-PGPUB; USPAT: USOCR; EPO; JPO; DERWENT; IBM TDB	OR	ON.	2005/07/18 15:55
S12	1	(10/795500) and (carey)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 14:49
S10	19	(short near2 message near2 service)adj(center) and (buddy near3 list)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 14:23
S9	1256	(short near2 message near2 service)adj(center)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 14:22
S8	1870	(SMSc ((short near2 message near2 service)adj(center)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 14:22
S7	1520	(SMS (short near2 message near2 service))adj(center)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 14:21
S5	21	("5025252" "5459458" "5678179" "5697060" "5802466" "5878397" "5903726" "5960074" "5966663" "6014429" "6067529" "6112078" "6115605" "6134432" "6138158" "6178331" "6212548" "6237027" "6301609" "6430604" "6512930").PN	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/18 14:16
S2	22	(cell near10 routing near3 database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 12:46



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Publisher: ACM Press Full text available: pdf(1.25 MB) Additional Information: full citation, references, index terms WIPPET, a virtual testbed for parallel simulations of wireless networks Jignesh Panchal, Owen Kelly, Jie Lai, Narayan Mandayam, Andrew T. Ogielski, Roy Yates July 1998 ACM SIGSIM Simulation Digest, Proceedings of the twelfth workshop on Parallel and distributed simulation PADS '98, Volume 28 Issue 1 Publisher: IEEE Computer Society, ACM Press Full text available: pdf(971,79 KB) Additional Information: full citation, references, citings, index terms Mobile computing in next generation wireless networks Prathima Agrawal, David Famolari August 1999 Proceedings of the 3rd international workshop on Discrete algorithms and methods for mobile computing and communications Publisher: ACM Press Full text available: pof(1.01 MB) Additional Information: full citation, references, citings, index terms Keywords: IMT-2000, cdma2000, mobile computing, wireless data Results 1 - 5 of 5 The ACM Portal is published by the Association for Computing Machinery. Copyright @ 2006 ACM, Inc.

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1 The click modular router

Eddie Kohler, Robert Morris, Benjie Chen, John Jannotti, M. Frans Kaashoek August 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3

Publisher: ACM Press

Full text available: 📆 pdi(376.31 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

Clicks is a new software architecture for building flexible and configurable routers. A Click router is assembled from packet processing modules called elements. Individual elements implement simple router functions like packet classification, queuing, scheduling, and interfacing with network devices. A router configurable is a directed graph with elements at the vertices; packets flow along the edges of the graph. Several features make individual elements more powerful and ...

Keywords: component systems, routers, software router performance

2 Linux WAN Routers

Tony Mancill

June 1998 Linux Journal

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(26.69 KB) Additional Information: full citation, abstract, index terms

Musings of a Network Administrator: Another great use for Linux; Mr. Mancill tells us why his company picked Linux routers over the big names

3 An efficient communication architecture for commodity supercomputers

Stephan Brauss, Martin Frey, Martin Heimlicher, Andreas Huber, Martin Lienhard, Patrick Müller, Martin Näf, Josef Nemecek, Roland Paul, Anton Gunzinger

January 1999 Proceedings of the 1999 ACM/IEEE conference on Supercomputing (CDROM)

Publisher: ACM Press

Full text available: pdf(678.14 KB) Additional Information: full citation, references, index terms

4 ISDN and Linux-Surfing at Warp Speed

	March 1998 Linux Journal	
	Publisher: Specialized Systems Consultants, Inc.	
	Full text available: [3] html(25.66 KB) Additional Information: full citation, abstract, references, index terms	
	This article presents a detailed tutorial on setting up an ISDN link to the Internet with Linux	
5	A new multicasting-based architecture for Internet host mobility Jayanth Mysore, Vaduvur Bharghavan	a 140000
1.79	September 1997 Proceedings of the 3rd annual ACM/IEEE international conference on Mobile computing and networking	
	Publisher: ACM Press	
	Full text available: pdf(2.08 MB) Additional Information: full citation, references, citings, index terms	
		_
6	The Xpress transfer protocol (XTP)—a tutorial	M04000
۱	Robert M. Sanders, Alfred C. Weaver October 1990 ACM SIGCOMM Computer Communication Review, Volume 20 Issue 5	
	Publisher: ACM Press	
	Full text available: pdf(1.18 MB) Additional Information: full citation, citings, index terms	
7	Extending the IP internet through address reuse	******
۱	Paul F. Tsuchiya, Tony Eng January 1993 ACM SIGCOMM Computer Communication Review, Volume 23 Issue 1	
	Publisher: ACM Press	
	Full text available: pdf(964.99 KB) Additional Information: full citation, abstract, citings, index terms	
	The two most compelling problems facing the IP Internet are IP address depletion and	
	scaling in routing. This paper discusses the characteristics of one of the proposed	
	solutionsaddress reuse. The solution is to place Network Address Translators (Nat) at the borders of stub domains. Each Nat box has a small pool of globally unique IP	
	addresses that are dynamically assigned to IP flows going through Nat. The dynamic	
	assignment is coordinated with Domain Name Server operation. The IP addresses	
•		_
8	Flexible routing and addressing for a next generation IP	33333
	Paul Francis, Ramesh Govindan October 1994 ACM SIGCOMM Computer Communication Review, Proceedings of the	
	conference on Communications architectures, protocols and	
	applications SIGCOMM '94, Volume 24 Issue 4 Publisher: ACM Press	
	Address of the control of the contro	
	Full text available: pdf(1.20 MB) Additional information: full citation, abstract, references, citings, index terms, review.	
	Due to a limited address space and poor scaling of backbone routing information, the	
	Internet Protocol (IP) is rapidly reaching the end of its useful lifetime. The Simple Internet	
	Protocol Plus (SIPP), a proposed next generation Internet Protocol, solves these problems with larger internet layer addresses. In addition, SIPP provides a number of advanced	
	routing and addressing capabilities including mobility, extended (variable-length)	
	addressing, provider selection, and certain forms of mul	
9	Active network vision and reality lessions from a consula based avotage	_
-	Active network vision and reality: lessions from a capsule-based system David Wetherall	2000-00



December 1999 ACM SIGOPS Operating Systems Review, Proceedings of the seventeenth ACM symposium on Operating systems principles SOSP

'99, Volume 33 Issue 5

Publisher: ACM Press

Full text available: pdf(1.87 MB)

Additional Information: full citation, abstract, references, citings, index terms

Although active networks have generated much debate in the research community, on the whole there has been little hard evidence to inform this debate. This paper aims to redress the situation by reporting what we have learned by designing, implementing and using the ANTS active network toolkit over the past two years. At this early stage, active networks remain an open research area. However, we believe that we have made substantial progress towards providing a more flexible network layer while ...

10 Connecting remote FDDI installations with single-mode fiber, dedicated lines, or

SMDS

Lawrence J. Lang, Bellcore, James Watson, Ameritech Services

July 1990 ACM SIGCOMM Computer Communication Review, Volume 20 Issue 3

Publisher: ACM Press

Full text available: pdf(697.29 KB) Additional Information: full citation, abstract, index terms

The Fiber Distributed Data Interface (FDDI) is emerging as an important ANSI standard for high-performance data networking. Many users will install FDDI at different sites, and then want to connect these installations while sacrificing as little performance as possible. This paper discusses several technically practical ways to connect remote FDDI installations, including: using FDDI as a metropolitan area network by extending with single-mode fiber or with a SONET mapping, using bridges or rout ...

11 Evaluation and testing of internet firewalls

Khalid Al-Tawil, Ibrahim A. Al-Kaltham

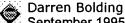
May 1999 International Journal of Network Management, Volume 9 Issue 3

Publisher: John Wiley & Sons, Inc.

Full text available: 📆 pdi(587.62 KB) Additional Information: full citation, abstract, references, index terms

In this article we propose a testing methodology for evaluating Internet firewalls and apply it to compare two popular firewalls. Copyright @ 1999 John Wiley & Sons, Ltd.

12 Network security, filters and firewalls



September 1995 Crossroads, Volume 2 Issue 1

Publisher: ACM Press

Full text available: html(25.57 KB) Additional Information: full citation, index terms

13 Optimizing TCP forwarder performance

Oliver Spatscheck, Jørgen S. Hansen, John H. Hartman, Larry L. Peterson April 2000 IEEE/ACM Transactions on Networking (TON), Volume 8 Issue 2

Publisher: IEEE Press

Full text available: 📆 pdf(119.23 KB) Additional Information: full citation, references, citings, index terms

Keywords: TCP, firewall, proxy, router

14	A language-based approach to protocol implementation Mark B. Abbott, Larry L. Peterson	900-01
	February 1993 IEEE/ACM Transactions on Networking (TON), Volume 1 Issue 1	
	Publisher: IEEE Press	
	Full text available: pdf(1.88 MB) Additional Information: full citation, references, citings, index terms, review	
15	Session summaries from the 17th symposium on operating systems principle (SOSP'99) Jay Lepreau, Eric Eide April 2000 ACM SIGOPS Operating Systems Review, Volume 34 Issue 2	
	Publisher: ACM Press	
	Full text available: pdf(3.15 M3) Additional Information: full citation, index terms	
16	Afabile materials in the fateurs.	_
	Mobile networking in the Internet Charles E. Perkins December 1998 Mobile Networks and Applications, Volume 3 Issue 4	1999940
	Publisher: Kluwer Academic Publishers	
	A district the formation of the state of the	
	Full text available: pdf(166 90 KB) Additional information: full citation, abstract, references, citings, index terms	
	Computers capable of attaching to the Internet from many places are likely to grow in popularity until they dominate the population of the Internet. Consequently, protocol research has shifted into high gear to develop appropriate network protocols for supporting mobility. This introductory article attempts to outline some of the many promising and interesting research directions. The papers in this special issue indicate the diversity of viewpoints within the research community, and it is	
17	SPINE: a safe programmable and integrated network environment	
•	Marc E. Fiuczynski, Richard P. Martin, Tsutomu Owa, Brian N. Bershad September 1998 Proceedings of the 8th ACM SIGOPS European workshop on Support for composing distributed applications Publisher: ACM Press	
	Full text available: pdf(993.38 KB) Additional Information: full citation, citings, index terms	
	n	
18	Piranha: a scalable architecture based on single-chip multiprocessing Luiz André Barroso, Kourosh Gharachorloo, Robert McNamara, Andreas Nowatzyk, Shaz Qadeer, Barton Sano, Scott Smith, Robert Stets, Ben Verghese May 2000 ACM SIGARCH Computer Architecture News, Proceedings of the 27th annual international symposium on Computer architecture ISCA '00, Volume	
	28 Issue 2 Publisher: ACM Press	
	Full text available: pdf(191.10 KB) Additional Information: full citation, abstract, references, citings, index terms	
	The microprocessor industry is currently struggling with higher development costs and longer design times that arise from exceedingly complex processors that are pushing the limits of instruction-level parallelism. Meanwhile, such designs are especially ill suited for important commercial applications, such as on-line transaction processing (OLTP), which suffer from large memory stall times and exhibit little instruction-level parallelism. Given	

that commercial applications constitute by fa ...

19	Papers: Open signaling for ATM, internet and mobile networks (OPENSIG'98)	
٠	Andrew T. Campbell, Irene Katzela, Kazuho Miki, John Vicente	
	January 1999 ACM SIGCOMM Computer Communication Review, Volume 29 Issue 1 Publisher: ACM Press	
	Full text available: pdf(1.13 MB) Additional Information: full citation, abstract, references	
	The ability to rapidly create and deploy new transport, control and management architectures in response to new service demands is a key factor driving the programmable networking community. Competition between service providers may hinge on the speed at which one provider can respond to new market demands over another. The notion of open programmable networks is having broad impact on service providers and vendors across a range of telecommunication sectors calling for major advances in open ne	
20	An approach for interconnecting SNA and XNS Networks	
•	Kenneth O. Zoline, William P. Lidinsky September 1985 ACM SIGCOMM Computer Communication Review, Proceedings of the ninth symposium on Data communications SIGCOMM '85, Volume 15 Issue 4 Publisher: ACM Press	
	Full text available: pdi(1.33 MB) Additional Information: full citation, abstract, references, citings, index terms	
•	Interest in computer internetworking has resulted from the proliferation of wide area and local area networks. The CCITT, DARPA/DoD, and ISO/ECMA internetworking models, which have become widely accepted for doing this, do not address the pragmatic problem of interconnecting computer networks that are based upon closed-system, vendor-proprietary network architectures. This paper presents an approach for interconnecting private data networks that are based upon IBM's System Network Architect	
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